

IN THE DRAWINGS

Please amend the drawings by substituting the enclosed amended drawings for the original drawings.

IN THE CLAIMS

Please amend the claims as follows:

Cancel claims 9-21 and 29-32.

- 1 22. (Once amended) A method of curing a first composition selected from the group
2 consisting of silane, siloxane, silsesquioxane, POSS, silicate, and POS, each bearing at least one
3 strained ring olefin, wherein the first composition is a monomer, a polymer, or an oligomer,
4 comprising:
5 reacting the first composition with effective amounts of a mixture of (a) at least one
6 metal-based catalyst selected from the group consisting of carbenes, halides, phosphates,
7 acetates, and salts of molybdenum, tungsten, and ruthenium and (b) at least one cocatalyst
8 selected from the group consisting of organoaluminum halides and aluminum halides.

- 1 25. (Once amended) A method of curing a first composition selected from the group
2 consisting of silane, siloxane, silsesquioxane, POSS, silicate, and POS, each bearing at least one

3 strained ring olefin, wherein the first composition is a monomer, a polymer, or an oligomer,
4 comprising:
5 reacting the first composition with effective amounts of at least one difunctional or
6 polyfunctional silane in the presence of effective amounts of a catalyst selected from the group
7 consisting of palladium and platinum (a) halides, (b) olefin complexes, or (c) carbon supported
8 versions.

1 26. (Once amended) A method of curing a first composition selected from the group
2 consisting of silane, siloxane, silsesquioxane, POSS, silicate, and POS, each bearing at least one
3 strained ring olefin, wherein the first composition is a monomer, a polymer, or an oligomer,
4 comprising:
5 reacting the first composition with effective amounts of a vulcanizing agent selected from
6 the group consisting of organoperoxides, persulfides, and sulfur.